



Wheel Loader	Rhino RWL65	Caterpillar 908M	John Deere 324L	Volvo L35G	Case 321F
General					
Brand	Rhino	Caterpillar	John Deere	Volvo	Case
Model	RWL 65	908M	324L	L35G	321G
Bucket Type	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose
Bucket Capacity m3 (cu. Yd)	1.0 (1.3)	1.5 (2.0)	1.1 (1.4)	1.3 (1.7)	1.0 (1.3)
Net Horsepower kW (hp)	60 (80)	55 (74)	52 (70)	55 (74)	55 (74)
Operating Weight kg (lb)	6,550 (14,440)	6,365 (14,032)	6,400 (14,110)	6,100 (13,448)	6,034 (13,303)
Engine					
Engine Model (optional)	Cummins 4BT3.9 (Rhino)	C3.3B	Yanmar 4TNV98CT	D3.3M	FPT F5H FL463 A
Gross Horsepower -SAE J1995 kW (hp)	60 (80)	55 (74)	52 (70)	55 (74)	55 (74)
Rated RPM (rpm)	2,200	2,400	2,400	2,600	2,500
Engine Type	Direct Injection, 4-Cycle	N/P	N/P	Water Cooled, 4 Stroke	Water Cooled, 4 Stroke
Aspiration	Turbocharged Water Cooling	N/P	Turbocharged	Turbocharged	Turbocharged
Number of Cylinders	4	N/P	4		4
Bore x Stroke mm (in)	90 x 115 (3.5 x 4.5)	94 x 120 (3.7 x 4.7)	98 x 110 (3.8 x 4.3)	N/P N/P	99 x 110 (3.9 x 4.3)
Piston Displacement L (cu. In)	3.3 (201)	3.3 (201)	3.3 (201)	4.0 (244)	3.4 (207)
Fan Drive for Radiator Cooling	Belt	N/P	Hydraulic	Hydraulic	N/P
Reversible Fan Control	None	N/P	None	Reversing	N/P
Drivetrain					
Torque Converter Type	Single Stage, Dual-Phase	Not Applicable	Not Applicable	Not Applicable	N/P
Transmission Type	Powershift Constantly in Mesh	N/P	Hydrostatic	Hydrostatic	NP
Number of Speeds (Fwd/Rev)	2/1	N/P	2/2	2/2	2F/2R
Max. Speed (Fwd) kph (mph)	24 (15)	N/P N/P	18 (11)	20 (12)	6 (4)
Max. Speed (Rev) kph (mph)	6 (4)	N/P N/P	38 (24)	20 (12)	20 (12)
Traction Control	Limited Slip	None	None	None	N/P
Reduction Gear	Spiral Bevel Gear, Single Stage	N/P	N/P	N/P	N/P
Front Axle	Fixed	N/P	N/P	Solid	N/P
Rear Axle	Floating	N/P	Oscillating	Oscillating	Oscillating
Rear Axle Oscillation (deg)	22	11	N/P	12	N/P
Service Brakes	Hydraulically Actuated Pneumatically Assisted	Inboard wed disc	Hydraulically Actuated	Hydraulically Actuated	Hydrostatic
Parking Brake	Hand Brake	Cable applied, spring released	Spring Applied Wet Disc	Central Disc	Hydraulically
Steering					
Steering Type	Middle Articulated Frame	Full-Hydraulic Power Steering	Hydraulic Power Steering	Load-Sensing Hydrostatic	Orbitrol
Steering Angle (deg)	38	39	30	N/P	N/P
Minimum Turning Radius (Center of Outside Tire) mm (ft)	4,420 (14.5)	N/P N/P	N/P N/P	N/P N/P	N/P N/P
Bucket					
Bucket Type	General Purpose	General Purpose	General Purpose	General Purpose	General Purpose
Bucket Capacity - Heaped m3 (cu. Yd)	1.0 (1.3)	1.5 (2.0)	1.1 (1.4)	1.3 (1.7)	1.0 (1.3)
Bucket Capacity - Struck m3 (cu. Yd)	0.75 (1.0)	N/P N/P	N/P N/P	N/P N/P	N/P N/P
Bucket Width mm (ft)	2,070 (6.8)	N/P N/P	2,200 (7.2)	2,250 (7.4)	2,100 (6.9)
Bucket Edge Type	Bolt-on Cutting Edge	Bolt-on Cutting Edge	Bolt-on Cutting Edge	Bolt-on Cutting Edge	N/P
Bucket Weight kg (lb)	542 (1,195)	N/P N/P	N/P N/P	N/P N/P	N/P N/P
Dimensions					
Loader Linkage Type	Z-Bar	Z-Bar	Z-Bar	TP	N/P
Dump Clearance Max. Height, 45 Deg. Dump Angle mm (ft)	2,520 (8.3)	2,620 (8.6)	2,610 (8.6)	2,800 (9.2)	N/P N/P
Reach at Max. Height, 45 Deg. Dump Angle mm (ft)	960 (3.1)	770 (2.5)	920 (3.0)	930 (3.1)	N/P N/P
Reach at 7', 45 Deg. Dump Angle mm (ft)	1,355 (4.4)	N/P N/P	N/P N/P	N/P N/P	N/P N/P
Reach With Arms Horizontal and Bucket Level mm (ft)	2,030 (6.7)	N/P N/P	N/P N/P	1,770 (5.8)	N/P N/P
Hinge Pin Height at Full Raise mm (ft)	3,465 (11.4)	N/P N/P	N/P N/P	3,685 (12.1)	N/P N/P
Tire Size	16-24	15.5 R20	15.8R18	15.5-25	18-R20
Tread mm (ft)	1,600 (5.2)	N/P N/P	N/P N/P	1,750 (5.7)	N/P N/P
Width Over Tires mm (ft)	2,010 (6.6)	2,080 (6.8)	2,090 (6.9)	2,150 (7.1)	N/P N/P
Wheelbase mm (ft)	2,300 (7.5)	N/P N/P	2,300 (7.5)	2,650 (8.7)	2,225 (7.3)
Loader Clearance Circle - Bucket at Carry, Outside Corner of Bucket mm (ft)	10,525 (34.5)	N/P N/P	N/P N/P	10,300 (33.8)	N/P N/P
Ground Clearance mm (in)	345 (13.6)	340 (13.4)	295 (11.6)	395 (15.6)	493 (19.4)
Hitch Height mm (in)	520 (20.5)	N/P N/P	N/P N/P	N/P N/P	N/P N/P
Overall Height - Top of Stack mm (ft)	2,810 (9.2)	N/P N/P	2,010 (6.6)	N/P N/P	N/P N/P
Overall Height - Top of ROPS Cab mm (ft)	2,975 (9.8)	2,650 (8.7)	2,780 (9.1)	2,950 (9.7)	2,680 (8.8)
Performance					
Hydraulic Cycle Time - Boom Raise (sec)	5	N/P	N/P	5.3	N/P
Hydraulic Cycle Time - Bucket Dump (sec)	2	N/P	N/P	3.2	N/P
Hydraulic Cycle Time - Boom Lower (sec)	3.2	N/P	N/P	1.1	N/P
Straight Static Tipping Load kg (lb)	6,452 (14,224)	4,427 (9,760)	3,690 (8,135)	5,970 (13,162)	4,418 (9,740)
Full Turn Static Tipping Load kg (lb)	5,560 (12,258)	3,606 (7,950)	3,350 (7,385)	5,290 (11,662)	N/P N/P
Breakout Force kg (lb)	5,700 (12,566)	N/P N/P	4,590 (10,119)	6,200 (13,669)	N/P N/P

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